| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 78903 | (data with relationships) or mapping | USPAT | 2002/10/10 08:31 |
| 2 | 201 | (metadata or (meta adj data)) with (relationships or mapping) | USPAT | 2002/10/10 08:32 |
| 3 | 151 | (dcom or (distributed adj component adj object adj model) or java or (extensible adj markup adj language) or xml) with (metadata or (meta adj data) or mapping or relationships) | USPAT | 2002/10/10 09:01 |
| 4 | 14 | ((data with relationships) or mapping) and ((metadata or (meta adj data)) with (relationships or mapping)) and ((dcom or (distributed adj component adj object adj model) or java or (extensible adj markup adj language) or xml) with (metadata or (meta adj data) or mapping or relationships)) | USPAT | 2002/10/10 08:34 |
| 5 | 7 | ("5878419" \| "5905248" \| "5940075" \| "5943424" \| "6023684" \| "6026409" \| "6094684").PN. | USPAT | 2002/10/10 08:43 |
| 6 | 14 | ("5596746" \| "5627979" \| "5787437" \| "5848273" \| "5911074" \| "5950201" \| "5960199" \| "5966707" \| "6012058" \| "6023578" \| "6023579" \| "6038393" \| "6061515" \| "6175837").PN. | USPAT | 2002/10/10 08:58 |
| 7 | 4868 | (dcom or (distributed adj component adj object adj model) or java or (extensible adj markup adj language) or xml) | USPAT | 2002/10/10 09:01 |
| 8 | 0 | (("5878419" \| "5905248" \| "5940075" \| "5943424" \| "6023684" \| "6026409" \| "6094684").PN.) and (("5596746" \| "5627979" \| "5787437" \| "5848273" \| "5911074" \| "5950201" \| "5960199" \| "5966707" \| "6012058" \| "6023578" \| "6023579" \| "6038393" \| "6061515" \| "6175837").PN.) and ((dcom or (distributed adj component adj object adj model) or java or (extensible adj markup adj language) or xml)) | USPAT | 2002/10/10 09:01 |
| 9 | 1 | 5802599.pn. | USPAT | 2002/10/10 09:34 |
| 10 | 0 | (metadata or (meta adj data)) with (jet adj (database or (data adj base))) | USPAT | 2002/10/10 09:35 |
| 11 | 8 | (jet adj (database or (data adj base))) | USPAT | 2002/10/10 09:37 |
| 12 | 978 | metadata or (meta adj database) | USPAT | 2002/10/10 09:35 |
| 13 | 3 | (metadata or (meta adj database)) AND ((jet adj (database or (data adj base)))) | USPAT | 2002/10/10 10:08 |
| 14 | 5 | ((jet adj (database or (data adj base)))) not ((metadata or (meta adj database)) AND ((jet adj (database or (data adj base))))) | USPAT | 2002/10/10 09:37 |
| 15 | 11 | ("4803039" \| "5185699" \| "5532928" \| "5664112" \| "5712990" \| "5726884" \| "5965858" \| "6067549" \| "6097995" \| "6122622" \| "6163732").PN. | USPAT | 2002/10/10 10:07 |
| 16 | 3 | (metadata or (meta adj database)) AND ((jet adj (database or (data adj base)))) | USPAT | 2002/10/10 10:08 |

| 17 | 40 | (US-6308178-$ or US-6442601-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6374266-$ or US-6366988-$ or US-6366987-$ or US-6330573-$ or US-6311252-$ or US-6289415-$ or US-6269382-$ or US-6260069-$ or US-6167427-$ or US-6085262-$ or US-6032224-$ or US-6023710-$ or US-6000020-$ or US-5953729-$ or US-5897661-$ or US-5893140-$ or US-5893118-$ or US-5881311-$ or US-5864683-$).did. or (US-5832522-$ or US-5790886-$ or US-5778395-$ or US-5644766-$ or US-5564037-$ or US-5537585-$ or US-5367698-$ or US-5276867-$ or US-5274813-$ or US-6151624-$ or US-6209124-$ or US-6341287-$ or US-6418448-$ or US-6343265-$).did. | USPAT | 2002/10/10 10:26 |
| 18 | 9 | ((US-6308178-$ or US-6442601-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6374266-$ or US-6366988-$ or US-6366987-$ or US-6330573-$ or US-6311252-$ or US-6289415-$ or US-6269382-$ or US-6260069-$ or US-6167427-$ or US-6085262-$ or US-6032224-$ or US-6023710-$ or US-6000020-$ or US-5953729-$ or US-5897661-$ or US-5893140-$ or US-5893118-$ or US-5881311-$ or US-5864683-$).did. or (US-5832522-$ or US-5790886-$ or US-5778395-$ or US-5644766-$ or US-5564037-$ or US-5537585-$ or US-5367698-$ or US-5276867-$ or US-5274813-$ or US-6151624-$ or US-6209124-$ or US-6341287-$ or US-6418448-$ or US-6343265-$).did.) and (offline or (off adj line)) | USPAT | 2002/10/10 10:30 |
| 19 | 218925 | "40" and secure | USPAT | 2002/10/10 10:30 |
| 20 | 10 | ((US-6308178-$ or US-6442601-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6374266-$ or US-6366988-$ or US-6366987-$ or US-6330573-$ or US-6311252-$ or US-6289415-$ or US-6269382-$ or US-6260069-$ or US-6167427-$ or US-6085262-$ or US-6032224-$ or US-6023710-$ or US-6000020-$ or US-5953729-$ or US-5897661-$ or US-5893140-$ or US-5893118-$ or US-5881311-$ or US-5864683-$).did. or (US-5832522-$ or US-5790886-$ or US-5778395-$ or US-5644766-$ or US-5564037-$ or US-5537585-$ or US-5367698-$ or US-5276867-$ or US-5274813-$ or US-6151624-$ or US-6209124-$ or US-6341287-$ or US-6418448-$ or US-6343265-$).did.) and secure | USPAT | 2002/10/10 11:07 |

| 21 | 38 | ((US-6308178-$ or US-6442601-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6374266-$ or US-6366988-$ or US-6366987-$ or US-6330573-$ or US-6311252-$ or US-6289415-$ or US-6269382-$ or US-6260069-$ or US-6167427-$ or US-6085262-$ or US-6032224-$ or US-6023710-$ or US-6000020-$ or US-5953729-$ or US-5897661-$ or US-5893140-$ or US-5893118-$ or US-5881311-$ or US-5864683-$).did. or (US-5832522-$ or US-5790886-$ or US-5778395-$ or US-5644766-$ or US-5564037-$ or US-5537585-$ or US-5367698-$ or US-5276867-$ or US-5274813-$ or US-6151624-$ or US-6209124-$ or US-6341287-$ or US-6418448-$ or US-6343265-$).did.) and time | USPAT | 2002/10/10 11:08 |
| 22 | 5 | ((US-6308178-$ or US-6442601-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6374266-$ or US-6366988-$ or US-6366987-$ or US-6330573-$ or US-6311252-$ or US-6289415-$ or US-6269382-$ or US-6260069-$ or US-6167427-$ or US-6085262-$ or US-6032224-$ or US-6023710-$ or US-6000020-$ or US-5953729-$ or US-5897661-$ or US-5893140-$ or US-5893118-$ or US-5881311-$ or US-5864683-$).did. or (US-5832522-$ or US-5790886-$ or US-5778395-$ or US-5644766-$ or US-5564037-$ or US-5537585-$ or US-5367698-$ or US-5276867-$ or US-5274813-$ or US-6151624-$ or US-6209124-$ or US-6341287-$ or US-6418448-$ or US-6343265-$).did.) and temporal | USPAT | 2002/10/10 11:08 |
| - | 739 | (hierarchical near storage) or hsm or (hierarchical near management) | USPAT | 2002/10/04 11:51 |
| - | 86570 | stream and storage | USPAT | 2002/10/04 11:52 |
| - | 192 | ((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage) | USPAT | 2002/10/04 11:52 |
| - | 2997501 | @ad<20000824 | USPAT | 2002/10/04 11:52 |
| - | 188 | (((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824 | USPAT | 2002/10/07 16:38 |
| - | 2301 | microsoft.as. | USPAT | 2002/10/04 11:53 |
| - | 15 | ((((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824) and microsoft.as. | USPAT | 2002/10/04 11:53 |
| - | 173 | ((((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824) not microsoft.as. | USPAT | 2002/10/04 16:08 |
| - | 409487 | (migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information) | USPAT | 2002/10/04 16:16 |

| - | 851 | ((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information)) | USPAT | 2002/10/04 16:16 |
|---|---|---|---|---|
| - | 5 | (((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical) | USPAT | 2002/10/04 16:17 |
| - | 186 | (((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical) | USPAT | 2002/10/04 16:26 |
| - | 16 | (US-5953729-$ or US-6269382-$ or US-5367698-$ or US-5537585-$ or US-5832522-$ or US-5881311-$ or US-5893140-$ or US-6000020-$ or US-6289415-$ or US-6330573-$ or US-6366987-$ or US-6374336-$ or US-6381655-$ or US-6385706-$ or US-6397308-$ or US-6415373-$).did. | USPAT | 2002/10/04 16:27 |
| - | 180 | ((((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical)) not ((US-5953729-$ or US-6269382-$ or US-5367698-$ or US-5537585-$ or US-5832522-$ or US-5881311-$ or US-5893140-$ or US-6000020-$ or US-6289415-$ or US-6330573-$ or US-6366987-$ or US-6374336-$ or US-6381655-$ or US-6385706-$ or US-6397308-$ or US-6415373-$).did.) | USPAT | 2002/10/04 16:27 |
| - | 10 | ("5537585" \| "5644766" \| "5708812" \| "5873103" \| "5953729" \| "6023709" \| "6029179" \| "6067599" \| "6119131" \| "6189016").PN. | USPAT | 2002/10/07 11:05 |
| - | 0 | 6269382.URPN. | USPAT | 2002/10/07 11:11 |
| - | 0 | 6269382.URPN. | USPAT | 2002/10/07 11:12 |
| - | 12 | ("4825354" \| "4887204" \| "4914571" \| "5029199" \| "5095423" \| "5222242" \| "5377323" \| "5425028" \| "5434974" \| "5493607" \| "5564037" \| "5617566").PN. | USPAT | 2002/10/07 11:14 |
| - | 6 | 5953729.URPN. | USPAT | 2002/10/07 11:21 |
| - | 14 | ("4825354" \| "4887204" \| "4914571" \| "5095423" \| "5220657" \| "5222242" \| "5377323" \| "5425028" \| "5434974" \| "5493607" \| "5574906" \| "5608865" \| "5765173" \| "5778395").PN. | USPAT | 2002/10/07 14:31 |
| - | 9 | 6023710.URPN. | USPAT | 2002/10/07 14:39 |
| - | 1 | 5559764.pn. | USPAT | 2002/10/07 16:36 |
| - | 1 | "5517652".PN. | USPAT | 2002/10/07 16:29 |
| - | 2143 | data with (migrate$1 or migration or migrating) | USPAT | 2002/10/07 16:37 |
| - | 563 | (((hierarchical near storage) or hsm or (hierarchical near management)) and (storage)) and @ad<20000824 | USPAT | 2002/10/07 16:38 |
| - | 66 | (data with (migrate$1 or migration or migrating)) and ((((hierarchical near storage) or hsm or (hierarchical near management)) and (storage)) and @ad<20000824) | USPAT | 2002/10/07 16:40 |

| | | | | |
|---|---|---|---|---|
| – | 173 | ((((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical)) not (((((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824) not microsoft.as.) | USPAT | 2002/10/07 16:40 |
| – | 2999195 | @ad<20000824 | USPAT | 2002/10/08 08:35 |
| – | 44 | ((data with (migrate$1 or migration or migrating)) and ((((hierarchical near storage) or hsm or (hierarchical near management)) and (storage)) and @ad<20000824)) not (((((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical)) not (((((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824) not microsoft.as.)) | USPAT | 2002/10/08 08:37 |
| – | 44 | @ad<20000824 and (((data with (migrate$1 or migration or migrating)) and ((((hierarchical near storage) or hsm or (hierarchical near management)) and (storage)) and @ad<20000824)) not (((((707/204 or 711/117 or 714/20).ccls.) and ((migrate$1 or migration or move$1 or moving or copy or copie$1 or copying or store$1 or storing or transfers or transfered or transferring) same (data or information))) and (hms or hierarchical)) not (((((hierarchical near storage) or hsm or (hierarchical near management)) and (stream and storage)) and @ad<20000824) not microsoft.as.))) | USPAT | 2002/10/08 08:46 |
| – | 30 | (luis and cabrera).in. | USPAT | 2002/10/08 09:25 |
| – | 6 | ((US-6269382-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6260069-$ or US-6032224-$ or US-5790886-$ or US-5276867-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$).did. or (US-5893118-$ or US-5274813-$ or US-6085262-$ or US-6442601-$ or US-6366988-$ or US-5897661-$).did.) and (data adj stream) | USPAT | 2002/10/08 09:53 |

| | | 28 | ((US-6269382-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6260069-$ or US-6032224-$ or US-5790886-$ or US-5276867-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$).did. or (US-5893118-$ or US-5274813-$ or US-6085262-$ or US-6442601-$ or US-6366988-$ or US-5897661-$).did.) and volume | USPAT | 2002/10/08 09:53 |
|---|---|---|---|---|---|
| — | | 1 | 5802599.pn. | USPAT | 2002/10/08 14:08 |
| — | | 12 | 5802599.URPN. | USPAT | 2002/10/08 14:08 |
| — | | 32 | (US-6269382-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6260069-$ or US-6032224-$ or US-5790886-$ or US-5276867-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$).did. or (US-5893118-$ or US-5274813-$ or US-6085262-$ or US-6442601-$ or US-6366988-$ or US-5897661-$).did. | USPAT | 2002/10/08 14:19 |
| — | | 28 | ((US-6269382-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6260069-$ or US-6032224-$ or US-5790886-$ or US-5276867-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$).did. or (US-5893118-$ or US-5274813-$ or US-6085262-$ or US-6442601-$ or US-6366988-$ or US-5897661-$).did.) and volume | USPAT | 2002/10/09 08:20 |
| — | | 3620 | (identify or identifie$1 or identifying) with (data or stream) and (append or (first adj storage adj block) or (sequential adj access adj medium) or sam) | USPAT | 2002/10/09 08:23 |
| — | | 913 | (identify or identifie$1 or identifying) with (data or stream) and ((append adj only) or (first adj storage adj block) or (sequential adj access adj medium) or sam) | USPAT | 2002/10/09 08:33 |
| — | | 7104 | (migrate$1 or migrating or migration) same (data or stream) | USPAT | 2002/10/09 08:25 |
| — | | 42 | ((identify or identifie$1 or identifying) with (data or stream) and ((append adj only) or (first adj storage adj block) or (sequential adj access adj medium) or sam)) and ((migrate$1 or migrating or migration) same (data or stream)) | USPAT | 2002/10/09 08:29 |
| — | | 25 | (identify or identifie$1 or identifying) with (data or stream) and ((append adj only) or (first adj storage adj block)) | USPAT | 2002/10/09 09:09 |

| | | | | |
|---|---|---|---|---|
| – | 0 | first adj storage adj block adj write adj only | USPAT | 2002/10/09 09:09 |
| – | 0 | first with storage with block with write with only with file | USPAT | 2002/10/09 09:10 |
| – | 12 | first with storage with block with write with only | USPAT | 2002/10/09 09:19 |
| – | 26 | (first adj storage adj block) or ((prepend and append) near only) | USPAT | 2002/10/09 09:28 |
| – | 26 | first adj storage adj block | USPAT | 2002/10/09 09:28 |
| – | 0 | (first adj storage adj block) not ((first adj storage adj block) or ((prepend and append) near only)) | USPAT | 2002/10/09 09:28 |
| – | 1 | (append and prepend) near (file or data or stream) | USPAT | 2002/10/09 16:46 |
| – | 307 | (secure adj storage) and (data near (migrate$1 or migration or store$1 or storage)) | USPAT | 2002/10/09 16:30 |
| – | 3 | (secure adj storage) and (data near (migrate$1 or migration)) | USPAT | 2002/10/09 11:34 |
| – | 890 | (707/204 or 711/117 or 714/20).ccls. | USPAT | 2002/10/09 11:36 |
| – | 4 | ((secure adj storage) and (data near (migrate$1 or migration or store$1 or storage))) and ((707/204 or 711/117 or 714/20).ccls.) | USPAT | 2002/10/09 11:36 |
| – | 49 | ("3956615" \| "4104721" \| "4177510" \| "4442484" \| "4584639" \| "4621321" \| "4648031" \| "4701840" \| "4713753" \| "4870571" \| "4885789" \| "4888801" \| "4914568" \| "4914590" \| "5093914" \| "5124984" \| "5153918" \| "5204961" \| "5228083" \| "5263147" \| "5272754" \| "5276735" \| "5303303" \| "5305385" \| "5311593" \| "5329623" \| "5333266" \| "5355474" \| "5414833" \| "5416842" \| "5418951" \| "5455828" \| "5485460" \| "5511122" \| "5548646" \| "5550984" \| "5566170" \| "5583940" \| "5586260" \| "5604490" \| "5606668" \| "5615340" \| "5619648" \| "5623601" \| "5636371" \| "5644571" \| "5673322" \| "5684951" \| "5689566").PN. | USPAT | 2002/10/09 11:44 |
| – | 38 | 5864683.URPN. | USPAT | 2002/10/09 11:47 |
| – | 11 | (java or dcom or xml) and (data adj migration) and (metadata or (meta adj data)) | USPAT | 2002/10/09 15:30 |
| – | 1 | (secure adj storage) and (data near (migrate$1 or migration or store$1 or storage)) and (unsecure near storage) | USPAT | 2002/10/09 16:31 |
| – | 442 | (append) near (file or data or stream) | USPAT | 2002/10/09 16:46 |
| – | 118 | (append) near (file or (data adj stream)) | USPAT | 2002/10/09 16:46 |
| – | 130242 | (data with (migrate or migration or storage)) | USPAT | 2002/10/09 16:47 |
| – | 90 | ((append) near (file or (data adj stream))) and ((data with (migrate or migration or storage))) | USPAT | 2002/10/09 16:47 |
| – | 1912 | (identify or identifie$1 or identifying) with (data adj stream) | USPAT | 2002/10/09 16:47 |
| – | 3 | ((identify or identifie$1 or identifying) with (data adj stream)) and (((append) near (file or (data adj stream))) and ((data with (migrate or migration or storage)))) | USPAT | 2002/10/09 16:48 |

| | | | | | |
|---|---|---|---|---|---|
| – | 35 | (US-6269382-$ or US-5778395-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6442601-$ or US-6366988-$ or US-6260069-$ or US-6085262-$ or US-6032224-$ or US-5790886-$ or US-5276867-$).did. or (US-5274813-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$ or US-5893118-$ or US-5897661-$ or US-5864683-$ or US-6308178-$).did. | USPAT | 2002/10/09 16:50 |
| – | 8 | ((US-6269382-$ or US-5778395-$ or US-5953729-$ or US-6415373-$ or US-6397308-$ or US-6385706-$ or US-6381655-$ or US-6374336-$ or US-6366987-$ or US-6330573-$ or US-6289415-$ or US-6000020-$ or US-5893140-$ or US-5881311-$ or US-5832522-$ or US-5537585-$ or US-5367698-$ or US-5644766-$ or US-5564037-$ or US-6442601-$ or US-6366988-$ or US-6260069-$ or US-6085262-$ or US-6032224-$ or US-5790886-$ or US-5276867-$).did. or (US-5274813-$ or US-6374266-$ or US-6311252-$ or US-6167427-$ or US-6023710-$ or US-5893118-$ or US-5897661-$ or US-5864683-$ or US-6308178-$).did.) and (offline or (off adj line)) | USPAT | 2002/10/09 16:50 |